

Title (en)

ANALYSIS OF DATA OBTAINED BY FLUORESCENCE FLUCTUATION MICROSCOPY FROM A PLURALITY OF DYES

Title (de)

ANALYSE VON DATEN, DIE DURCH FLUORESCENZFLUKTUATIONSMIKROSKOPIE AUS EINER VIELZAHL VON FARBSTOFFEN ERHALTEN WURDEN

Title (fr)

ANALYSE DE DONNÉES OBTENUES PAR MICROSCOPIE À FLUCTUATION DE FLUORESCENCE À PARTIR D'UNE PLURALITÉ DE COLORANTS

Publication

EP 3737932 A1 20201118 (EN)

Application

EP 19700669 A 20190111

Priority

- EP 18151211 A 20180111
- EP 2019050616 W 20190111

Abstract (en)

[origin: WO2019138028A1] The analysis of data from fluorescence microscopy is disclosed, more especially fluorescence fluctuation microscopy, being a correlation analysis of fluctuation of the fluorescence intensity enabling quantitative and dynamic information capture. In particular the analysis is described of characteristics such as concentrations, mobility, interactions, stoichiometry, etc. of mixtures of particles that are fluorescently labeled with differently colored fluorophores having different excitation/emission spectra using fluctuation microscopy.

IPC 8 full level

G01N 21/64 (2006.01)

CPC (source: EP US)

G01N 21/6408 (2013.01 - EP); **G01N 21/6428** (2013.01 - US); **G01N 21/6458** (2013.01 - EP US); **G01N 2021/6421** (2013.01 - EP); **G01N 2021/6441** (2013.01 - EP US); **G01N 2021/6471** (2013.01 - US)

Citation (search report)

See references of WO 2019138028A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019138028 A1 20190718; EP 3737932 A1 20201118; US 11422094 B2 20220823; US 2020348234 A1 20201105

DOCDB simple family (application)

EP 2019050616 W 20190111; EP 19700669 A 20190111; US 201916960453 A 20190111